EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Tom Rozylowicz on 2/25/2011.

The application has been amended as follows:

Claim 1. (Currently Amended) A method of presenting information to a user, the method comprising:

receiving, from a user, a character stream of one or more non-completion characters that indicate that additional characters may be received;

providing the character stream to a host that analyzes the character stream to generate results that are responsive to the user's predicted interest;

receiving, from the host, a first result that includes a first argument and an identifier of a first web application, wherein the first web application is configured to provide first specialized services and the first argument is passed to the first specialized services in response to user selection of the first result;

receiving, from the host, a second result that includes a second argument that is different from the first argument, and an identifier of a second web application, wherein the second web application differs from the first web application in function, wherein the second web application is configured to provide second specialized services and the second argument is passed to the second specialized services in response to user selection of the second result;

displaying the first result in a manner enabling the user to perceive, before selecting the first result, the first argument and the identifier of the first web application;

displaying the second result in a manner enabling the user to perceive, before selecting the second result, the second argument and the identifier of the second web application; and

enabling the user to select from among the first and second results.

wherein receiving the character stream of one or more non-completion characters comprises receiving a character stream of one or more non-completion characters that have been entered, by the user, to an address line of a web browser,

receiving the first result that includes the first argument and the identifier of the first web application comprises receiving a mapping result that includes a first location and an identifier of a web mapping application, the mapping result including cartographic information, and

displaying the first result in a manner enabling the user to perceive, before selecting the first result, the first argument and the identifier of the first web application comprises displaying the mapping result with an indication of an overview map that the user may select to display more detailed mapping information related to the overview map selected.

Claim 2. (Canceled)

Claim 3. (Previously Presented) The method of claim 1 further comprising:

receiving, from the user, one or more updates to the character stream;

providing the updates to the host to permit the host to analyze the character stream using the updates to generate updated results that are responsive to the user's predicted interest;

receiving the updated results; and

displaying the updated results so that the user may select one of the updated results.

Claim 4. (Previously Presented) The method of claim 3 wherein providing the updates to the character stream includes providing all characters in the character stream.

Claim 5. (Previously Presented) The method of claim 3 wherein providing the updates to the character stream includes providing one or more characters in the character stream that have been received from the user since the character stream was last provided.

Claim 6. (Previously Presented) The method of claim 1 wherein providing the character stream includes determining whether there is a sufficient amount of data in the character stream to generate accurate results, and, if there is a sufficient amount of data in the character stream to generate accurate results, analyzing the character stream to generate results that are responsive to the user's predicted interest.

Claim 7. (Previously Presented) The method of claim 6 further comprising delaying analyzing the character stream if there is not a sufficient amount of data in the character stream to generate accurate results.

Claim 8. (Previously Presented) The method of claim 6 wherein determining whether there is the sufficient amount of data includes waiting until a predetermined number of non-completion characters has been entered.

Claim 9. (Previously Presented) The method of claim 6 wherein determining whether there is the sufficient amount of data includes waiting until a predetermined amount of time has elapsed since the user last entered a new character in the character stream.

Claim 10. (Previously Presented) The method of claim 6 wherein determining whether there is the sufficient amount of data includes waiting until a predetermined number of non-completion characters has been entered, unless a predetermined amount of time has elapsed since a new character in the character stream has been entered.

Claim 12. (Previously Presented) The method of claim 1 further comprising launching the first web application upon selection of the first result.

Claim 13. (Previously Presented) The method of claim 1 further comprising launching the second web application upon selection of the second result.

Claim 14. Previously Presented) The method of claim 1 wherein providing the character stream to the host includes polling multiple databases to identify results from each of the multiple databases.

Claim 15. (Previously Presented) The method of claim 1 further comprising enabling the user to configure a web browser to control an operating mode of the web browser.

Claim 16. (Previously Presented) The method of claim 15 wherein enabling the user to configure the web browser includes enabling the user to select one or more databases to be accessed.

Claim 17. (Previously Presented) The method of claim 15 wherein enabling the user to configure the web browser includes enabling the user to control a format with which the results are displayed.

Claim 18. (Previously Presented) The method of claim 15 wherein enabling the user to configure the web browser includes enabling the user to control a configuration for a drop down menu used to display the results.

Claim 19. (Previously Presented) The method of claim 1 further comprising:

analyzing the character stream to determine a user profile;

storing the user profile; and

using the user profile to analyze subsequent character streams.

Claim 20. (Previously Presented) The method of claim 1 wherein displaying the first result includes displaying a map related to the character stream.

Claim 21. (Previously Presented) The method of claim 1 wherein receiving the character stream includes analyzing the character stream before providing the character stream to identify that map information is related to the character stream.

Claim 22. (Previously Presented) The method of claim 21 wherein analyzing the character stream includes recognizing that a commonly used address term is present in the character stream.

Claim 23. (Previously Presented) The method of claim 22 wherein recognizing the commonly used address term includes recognizing that a zip code appears in the character stream.

Claim 24. (Previously Presented) The method of claim 22 wherein recognizing the commonly used address term includes recognizing that a state identifier appears in the character stream.

Claim 25. (Previously Presented) The method of claim 22 wherein recognizing the commonly used address term includes recognizing that a city identifier appears in the character stream.

Claim 26. (Previously Presented) The method of claim 1 wherein receiving the character stream includes analyzing the character stream before providing the character stream to identify that vendor information is related to the character stream, and instructing the host to return vendor information in the results.

Claim 27. (Previously Presented) The method of claim 26 wherein identifying that vendor information is related to the character stream includes identifying yellow page information related to the character stream.

Claim 28. (Previously Presented) The method of claim 26 wherein identifying that vendor information is related to the character stream includes identifying a category and a location appearing in the character stream.

Claim 29. (Previously Presented) The method of claim 1 wherein receiving the character stream includes analyzing the character stream for a messaging label appearing in the character stream.

Claim 30. (Previously Presented) The method of claim 29 wherein analyzing the character stream for the messaging label includes enabling the user to communicate with another user.

Claim 31. (Previously Presented) The method of claim 29 wherein analyzing the character stream for the messaging label includes determining that a user identifier appears in the character stream.

Claim 32. (Previously Presented) The method of claim 31 further comprising determining an online status of a user associated with the user identifier.

Claim 33. (Previously Presented) The method of claim 32 further comprising enabling the user to exchange an instant message with the user associated with the user identifier.

Claim 34. (Previously Presented) The method of claim 29 wherein analyzing the character stream for the messaging label includes recognizing that an ' @' character appears in the character stream.

Claim 35. (Previously Presented) The method of claim 1 further comprising storing the results.

Claim 36. (Previously Presented) The method of claim 35 wherein storing the results includes storing results selected by the user.

Claim 37. (Previously Presented) The method of claim 35 further comprising:

receiving, from the user, a second character stream of one or more non-completion characters where the non-completion characters indicate that additional characters may be received;

accessing stored results; and

relating the stored results to the second character stream.

Claim 38. (Previously Presented) The method of claim 37 further comprising displaying the stored results when the second character stream indicates that the user is requesting information related to the stored results.

Claim 39. (Previously Presented) The method of claim 38 further comprising, when the stored results do not relate to the second character stream:

providing the second character stream to the host to analyze the second character stream to generate second character stream results that are responsive to the user's predicted interest;

receiving the second character stream results; and

displaying the second character stream results.

Claim 40. (Previously Presented) The method of claim 1 wherein providing the character stream includes validating Uniform Resource Locators (URLs) in the character stream.

Claim 41. (Currently Amended) A system enabling intelligent presenting information to a user, the system comprising:

a processor configured to:

receive, from a user, a character stream of one or more non-completion characters that indicate that additional characters may be received;

provide the character stream to a host that analyzes the character stream to generate results that are responsive to the user's predicted interest;

receive, from the host:

a first result that includes a first argument and an identifier of a first web application, and a second result that includes a second argument that is different from the first argument, and an identifier of a second web

application, wherein the second web application differs from the first web application in function;

a display device structured and arranged to display:

the first result in a manner enabling the user to perceive, before selecting the first result, the first argument and the identifier of the first web application, wherein the first web application is configured to provide first specialized services and the first argument is passed to the first specialized services in response to user selection of the first result, and

the second result in a manner enabling the user to perceive, before selecting the second result, the second argument and the identifier of the second web application, wherein the second web application is configured to provide second specialized services and the second argument is passed to the second specialized services in response to user selection of the second result; and

a selection device structured and arranged to enable the user to select from among the first and second results.

wherein receiving the character stream of one or more non-completion characters comprises receiving a character stream of one or more non-completion characters that have been entered, by the user, to an address line of a web browser,

receiving the first result that includes the first argument and the identifier of the first web application comprises receiving a mapping result that includes a first location and an identifier of a web mapping application, the mapping result including cartographic information, and

displaying the first result in a manner enabling the user to perceive, before selecting the first result, the first argument and the identifier of the first web application comprises displaying the mapping result with an indication of an overview map that the user may select to display more detailed mapping information related to the overview map selected.

Claim 42. (Previously Presented) The system of claim 41 wherein the processor is further configured to:

receive one or more updates to the character stream;

provide the updates to the character stream to the host to permit the host to analyze the character stream using the updates to generate updated results that are responsive to the user's predicted interest;

receive the updated results; and

enable display the updated results so that the user may select one of the updated results.

Claim 43. (Previously Presented) The system of claim 41 wherein the processor is further configured to determine whether a sufficient amount of data exists in the character stream to generate accurate results, and, if there is a sufficient amount of data in the character stream to generate accurate results, analyze the character stream to generate results that are responsive to the user's predicted interest.

Claim 44. (Previously Presented) The system of claim 43 wherein the processor is further configured to delay analyzing the character stream if there is not a sufficient amount of data in the character stream to generate accurate results.

Claim 45. (Previously Presented) The system of claim 44 wherein the processor is further configured to wait until a predetermined number of non-completion characters has been entered before providing the character stream.

Claim 46. (Previously Presented) The system of claim 44 wherein the processor is further configured to wait until a predetermined amount of time has elapsed since the user last entered a new character in the character stream before providing the character stream.

Claim 47. (Previously Presented) The system of claim 44 wherein the processor is further configured to wait until a predetermined number of non-completion characters has been entered, unless a predetermined amount of time has elapsed since a new character in the character stream has been entered before providing the character stream.

Claim 48. (Previously Presented) The system of claim 41 wherein the processor is further configured to: analyze the character stream to determine a user profile; store the user profile; and use the user profile to analyze subsequent character streams.

Claim 49. (Previously Presented) The system of claim 41 wherein the processor is further configured to:

analyze the character stream before providing the character stream to identify that vendor information is related to the character stream, and

instruct the host to return vendor information in the results.

Claim 50. (Previously Presented) The system of claim 49 wherein the processor is further configured to identify a category and a location appearing in the character stream in identifying vendor information.

Claim 51. (Previously Presented) The system of claim 41 wherein the processor is further configured to analyze the character stream for a messaging label appearing in the character stream.

Claim 52. (Currently Amended) A non-transitory ~~tangible~~ computer-readable medium comprising:

means for receiving, from a user, a character stream of one or more non-completion characters that indicate that additional characters may be received;

means for providing the character stream to a host that analyzes the character stream to generate results that are responsive to the user's predicted interest;

means for receiving, from the host, a first result that includes a first argument and an identifier of a first web application;

means for receiving, from the host, a second result that includes a second argument that is different from the first argument, and an identifier of a second web application, wherein the second web application differs from the first web application in function;

means for displaying the first result in a manner enabling the user to perceive, before selecting the first result, the first argument and the identifier of the first web application;

means for displaying the second result in a manner enabling the user to perceive, before selecting the second result, the second argument and the identifier of the second web application; and

means for enabling the user to select from among the first and second results, wherein the first web application is configured to provide first specialized services and the first argument is passed to the first specialized services in response to user selection of the first result, and

wherein the second web application is configured to provide second specialized services and the second argument is passed to the second specialized services in response to user selection of the second result,

wherein receiving the character stream of one or more non-completion characters comprises receiving a character stream of one or more non-completion characters that have been entered, by the user, to an address line of a web browser,

receiving the first result that includes the first argument and the identifier of the first web application comprises receiving a mapping result that includes a first location and an identifier of a web mapping application, the mapping result including cartographic information, and

displaying the first result in a manner enabling the user to perceive, before selecting the first result, the first argument and the identifier of the first web application comprises displaying the mapping result with an indication of an overview map that the user may select to display more detailed mapping information related to the overview map selected.

Claim 53. (Currently Amended) A method of using a host to process information received from a client to return results related to the information, the method comprising:

receiving a character stream of one or more non-completion characters that indicate that additional characters may be received;

analyzing the character stream to generate results that are responsive to a user's predicted interest, the results including a first result that includes a first argument and an identifier of a first web application and a second result that includes a second argument that is different from the first argument, and an identifier of a second web application, wherein,the second web application differs from the first web application in function;

temporally storing the first and second results;

rendering the first result in a manner enabling the user to perceive, before selecting the first result, the first argument and the identifier of the first web application;

rendering the second result in a manner enabling the user to perceive, before selecting the second result, the second argument and the identifier of the second web application; and

transmitting the first and second results to enable the user to select from among the first and second results, wherein the first web application is configured to provide first specialized services and the first argument is passed to the first specialized services in response to user selection of the first result, and

wherein the second web application is configured to provide second specialized services and the second argument is passed to the second specialized services in response to user selection of the second result,

wherein receiving the character stream of one or more non-completion characters comprises receiving a character stream of one or more non-completion characters that have been entered, by the user, to an address line of a web browser,

generating the first result that includes the first argument and the identifier of the first web application comprises generating a mapping result that includes a first location and an identifier of a web mapping application, the mapping result including cartographic information, and

rendering the first result in a manner enabling the user to perceive, before selecting the first result, the first argument and the identifier of the first web application comprises rendering the mapping result with an indication of an overview map that the user may select to display more detailed mapping information related to the overview map selected.

Claim 54. (Previously Presented) The method of claim 53 further comprising:

receiving one or more updates to the character stream;

analyzing the character stream using the updates to generate updated results that are responsive to the user's predicted interest; and

transmitting the updated results to enable the user to select one of the updated results.

Claim 55. (Previously Presented) The method of claim 53 wherein analyzing the character stream includes determining whether there is a sufficient amount of data in the character stream to generate accurate results, and, if there is a sufficient amount of data in the character stream to generate accurate results, analyzing the character stream to generate results that are responsive to the user's predicted interest.

Claim 56. (Previously Presented) The method of claim 55 further comprising delaying analyzing the character stream if there is not a sufficient amount of data in the character stream to generate accurate results.

Claim 57. (Previously Presented) The method of claim 55 wherein determining whether there is the sufficient amount of data in the character stream includes waiting until a predetermined number of non-completion characters has been received.

Claim 58. (Previously Presented) The method of claim 55 wherein determining whether there is the sufficient amount of data includes waiting until a predetermined amount of time has elapsed since the last character in the character stream has been received.

Claim 59. (Previously Presented) The method of claim 55 wherein determining whether there is the sufficient amount of data includes waiting until a predetermined number of non-completion characters has been received, unless a predetermined amount of time has elapsed since a new character in the character stream has been received.

Claim 60. (Cancelled)

Claim 61. (Previously Presented) The method of claim 53 wherein analyzing the character stream includes polling multiple databases to identify results from each of the multiple databases.

Claim 62. (Previously Presented) The method of claim 53 wherein receiving the character stream includes receiving the character stream from a web browser, the method further comprising enabling a service provider to configure the web browser to control an operating mode of the web browser.

Claim 63. (Previously Presented) The method of claim 62 wherein enabling the service provider to configure the web browser includes enabling the service provider to select one or more databases to be accessed.

Claim 64. (Previously Presented) The method of claim 62 wherein enabling the service provider to configure the web browser includes enabling the service provider to control a format with which the results are displayed.

Claim 65. (Previously Presented) The method of claim 62 wherein enabling the service provider to configure the web browser includes enabling the service provider to control a drop down menu to control the operating mode of the web browser.

Claim 66. (Previously Presented) The method of claim 53 further comprising:

analyzing the character stream to determine a user profile;

storing the user profile; and

using the user profile to analyze subsequent character streams received.

Claim 67. (Previously Presented) The method of claim 53 wherein analyzing the character stream includes analyzing the character stream to identify that mapping information is related to the character stream.

Claim 68. (Previously Presented) The method of claim 67 wherein identifying that mapping information is related to the character stream includes recognizing that a commonly used address term is present in the character stream.

Claim 69. (Previously Presented) The method of claim 68 wherein identifying that mapping information is related to the character stream includes recognizing that a zip code is present in the character stream.

Claim 70. (Previously Presented) The method of claim 68 wherein identifying that mapping information is related to the character stream includes recognizing that a state identifier is present in the character stream.

Claim 71. (Previously Presented) The method of claim 68 wherein identifying that mapping information is related to the character stream includes recognizing that a city identifier is present in the character stream.

Claim 72. (Previously Presented) The method of claim 53 wherein analyzing the character stream includes analyzing the character stream to identify that vendor information is related to the character stream.

Claim 73. (Previously Presented) The method of claim 72 wherein identifying that vendor information is related to the character stream includes identifying yellow page information related to the character stream.

Claim 74. (Previously Presented) The method of claim 72 wherein identifying that vendor information is related to the character stream includes identifying a category and a location present in the character stream.

Claim 75. (Previously Presented) The method of claim 53 wherein analyzing the character stream includes identifying a messaging label present in the character stream.

Claim 76. (Previously Presented) The method of claim 75 wherein identifying the messaging label includes determining that a user identifier is present in the character stream.

Claim 77. (Previously Presented) The method of claim 76 further comprising determining an online status of a user associated with the user identifier.

Claim 78. (Previously Presented) The method of claim 75 wherein identifying the messaging label includes recognizing that an '@' character appears in the character stream.

Claim 79. (Previously Presented) The method of claim 53 further comprising storing the results.

Claim 80. (Previously Presented) The method of claim 79 wherein storing the results includes storing results selected by the user.

Claim 81. (Previously Presented) The method of claim 79 further comprising:

receiving a second character stream of one or more non-completion characters where the non-completion characters indicate that additional characters may be received;

accessing stored results; and

relating the stored results to the second character stream.

Claim 82. (Previously Presented) The method of claim 81 further comprising transmitting the stored results when the second character stream indicates the user is requesting information related to the stored results.

Claim 83. (Previously Presented) The method of claim 53 further comprising validating Uniform Resource Locators (URLs) in the character stream.

Claim 84. (Currently Amended) A host that processes information received from a client to return results related to the information, the host comprising a processor configured to:

receive a character stream of one or more non-completion characters that indicate that additional characters may be received;

analyze the character stream to generate results that are responsive to a user's predicted interest, the results including a first result that includes a first argument and an identifier of a first web application and a second result that includes a second argument that is different from the first argument, and an identifier of a second web application, wherein the second web application differs from the first web application in function;

temporally store the first and second results;

render the first result in a manner enabling the user to perceive, before selecting the first result, the first argument and the identifier of the first web application, and

render the second result in a manner enabling the user to perceive, before selecting the second result, the second argument and the identifier of the second web application; and

transmit the results to enable the user to select among the first and second results, wherein the first web application is configured to provide first specialized services and the first argument is passed to the first specialized services in response to user selection of the first result, and

wherein the second web application is configured to provide second specialized services and the second argument is passed to the second specialized services in response to user selection of the second result,

wherein receiving the character stream of one or more non-completion characters comprises receiving a character stream of one or more non-completion characters that have been entered, by the user, to an address line of a web browser,

generating the first result that includes the first argument and the identifier of the first web application comprises generating a mapping result that includes a first location and an identifier of a web mapping application, the mapping result including cartographic information, and

rendering the first result in a manner enabling the user to perceive, before selecting the first result, the first argument and the identifier of the first web application comprises rendering the mapping result with an indication of an overview map that the user may select to display more detailed mapping information related to the overview map selected.

Claim 85. (Previously Presented) The host of claim 84 wherein the processor is further configured to:

receive one or more updates to the character stream;

analyze the character stream using the updates to generate updated results that are responsive to the user's predicted interest; and

transmit the updated results to enable the user to select one of the updated results.

Claim 86. (Previously Presented) The host of claim 84 wherein the processor is further configured to determine whether there is a sufficient amount of data in the character stream to generate accurate results, and, if there is a sufficient amount of data in the character stream to generate accurate results, analyze the character stream to generate results that are responsive to the user's predicted interest.

Claim 87. (Previously Presented) The host of claim 86 wherein the processor is further configured to delay analysis of the character stream when there is not a sufficient amount of data in the character stream.

Claim 88. (Previously Presented) The host of claim 87 wherein the processor is further configured to wait until a predetermined number of non-completion characters has been received.

Claim 89. (Previously Presented) The host of claim 87 wherein the processor is further configured to wait until a predetermined amount of time has elapsed since the last character in the character stream has been received.

Claim 90. (Previously Presented) The host of claim 87 wherein the processor is further configured to wait until a predetermined number of non-completion characters has been received, unless a predetermined amount of time has elapsed since a new character in the character stream has been received.

Claim 91. (Previously Presented) The host of claim 84 wherein the processor is further configured to:

analyze the character stream to determine a user profile;

store the user profile; and

use the user profile to analyze subsequent character streams.

Claim 92. (Previously Presented) The host of claim 84 wherein the processor is further configured to:

analyze the character stream to identify vendor information related to the character stream, and

return vendor information in the results.

Claim 93. (Previously Presented) The host of claim 92 wherein the processor is further configured to identify a category and a location present in the character stream.

Claim 94. (Previously Presented) The host of claim 84 wherein the processor is further configured to analyze the character stream for a messaging label present in the character stream.

Claim 95. (Currently Amended) A non-transitory ~~tangible~~ computer-readable medium comprising:

means for receiving a character stream of one or more non-completion characters that indicate that additional characters may be received;

means for analyzing the character stream to generate results that are responsive to a user's predicted interest, the results including a first result that includes a first argument and an identifier of a first web application and a second result that includes a

second argument that is different from the first argument, and an identifier of a second web application, wherein the second web application differs from the first web application in function;

means for temporally storing the first and second results;

means for rendering the first result in a manner enabling the user to perceive, before selecting the first result, the first argument and the identifier of the first web application;

means for rendering the second result in a manner enabling the user to perceive, before selecting the second result, the second argument and the identifier of the second web application; and

means for transmitting the first and second results to enable the user to select from among the first and second results, wherein the first web application is configured to provide first specialized services and the first argument is passed to the first specialized services in response to user selection of the first result, and

wherein the second web application is configured to provide second specialized services and the second argument is passed to the second specialized services iri response to user selection of the second result,

wherein means for receiving the character stream of one or more non-completion characters comprises means for receiving a character stream of one or more non-completion characters that have been entered, by the user, to an address line of a web browser,

means for generating the first result that includes the first argument and the identifier of the first web application comprises means for generating a mapping result that includes a first location and an identifier of a web mapping application, the mapping result including cartographic information, and

means for rendering the first result in a manner enabling the user to perceive, before selecting the first result, the first argument and the identifier of the first web application comprises means for rendering the mapping result with an indication of an overview map that the user may select to display more detailed mapping information related to the overview map selected.

Claim 96. (Previously Presented) The method of claim 1 wherein receiving the character stream includes receiving characters entered before a completion character.

Claim 97. (Previously Presented) The method of claim 1 wherein receiving the character stream includes receiving character entered before a carriage return.

Claim 98. (Previously Presented) The system of claim 41 wherein the processor is further configured to receive the character stream of one or more non-completion characters, the non-completion characters representing characters entered before a completion character.

Claim 99. (Previously Presented) The system of claim 41 wherein the processor is further configured to receive the character stream of one or more non-completion characters, the non-completion characters representing characters entered before a carriage return.

Claim 100. (Previously Presented) The method of claim 1, wherein the first web application and the second web application are each a web application selected from a group of web applications comprising a web mapping application, a directory application, a web search application, a keyword application, a stock quote application, a calendar application, a virtual phone application, a messaging application, and a web email application.

Claim 101. (Previously Presented) The method of claim 1, wherein the first web application is a web mapping application and the second web application is a web search application.

2. The following is an examiner's statement of reasons for allowance: The prior art does teach preemptive searching. However, the prior art does not teach the elements of preemptive searching, and returning cartographic information in a way where a user can be shown that a map application can be selected before the search query is completed. Selection of a map after the completion of a search is well known. The novelty of Applicant's invention lies in the fact that Applicant's invention displays to a user that a map may be selected, based on the user's query, before the user's query has been completed and entered. As disclosed, a non-completion character is a character which is not a carriage return. Specification, page 4, line 30.

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

4. Kang, J G KR 2001048800 A

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jeffrey R. Swearingen whose telephone number is (571)272-3921. The examiner can normally be reached on M-F 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew Caldwell can be reached on 571-272-3868. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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